

Date: Sun, 30 Oct 94 04:30:29 PST
From: Ham-Space Mailing List and Newsgroup <ham-space@ucsd.edu>
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Precedence: List
Subject: Ham-Space Digest V94 #306
To: Ham-Space

Ham-Space Digest Sun, 30 Oct 94 Volume 94 : Issue 306

Today's Topics:

FM reception on HT - any advice?

Send Replies or notes for publication to: <Ham-Space@UCSD.Edu>
Send subscription requests to: <Ham-Space-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Space Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-space".

We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

Date: 28 Oct 1994 01:05:04 -0400
From: wdunckell@aol.com (WDUNCKEL1)
Subject: FM reception on HT - any advice?

In article <1994Oct26.095554.1@lpopssb>, donovan@lpopssb.mayo.edu writes:

>I was wondering what the odds of picking up
>a FM 2meter downlink on a HT.
>are there any others..strong
>enough signals (FM 2meters) to receive on an
>HT....lets assume a good pass also....

>any replies would be greatly welcomed..I
>am new to amateur radio and have a growing
>interest in the satellites...I only have
>a 2meter HT now so I think my options are
>limited to listening to downlinks.

Actually modern HT's can pick up fairly weak signals. I know the Dove satelite was operating ok and you can pick up its signal, but I cant remember its freq. It would be a little more exciting if you had a TNC packet controller, then you could see its signal. Make sure that it is in

fact still operating.

I have heard the Mir Satellite (The Mir has battery probs at the moment and can be heard only sporatically). I have also been able to transmit and be heard and retransmited by Mir using packet. My longest connect has been in Canada and I live near San Francisco!!! This was all done by my HT at less than 5 watts!!

I have also heard some of the crew on STS-64 space shuttle flight with my HT.

I tried to make contact to them through sarex, but there were a whole lot of other people trying at higher power.

A great book to get is ARRL's Satelite Handbook. With a homemade groundplane antena and perhaps an inexpensive preamplifier you could be hearing

a lot with your HT!!

Have Fun

Walt

KD6VYV

End of Ham-Space Digest V94 #306
